BRUHAT BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

Name of the Work: Estimate Repairs to existing toilet near Jakkur in Ward No. 07 Byatarayanapura, Kodigehalli Sub division.

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	22.05	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5.	cum	305.64	Rupees Three Hundred Five and Sixty Four Paise Only
2	4.32	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12.	kg	84.24	Rupees Eighty Four and Twenty Four Paise Only
3	12.60	PVC DOOR Shutter : Supply and fixing of doors shuttersmade of rigid PVC extruded hollow section of 20mm X 200mm with the wall thickness of 1.0mm + /0.1mm equally divided into 4nos with tongue and groove locking arrangements. The shutter frame is made of 58*24 mm with the wall thickness of 1.5mm+/-0.15mm section metricut and joined at 4 corners with 125mmX225mm plastic brackets. The shitter shall be horizontally reinforced with 2nos of 8mm PVC rods. Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter.	sqm	1900.80	Rupees One Thousand Nine Hundred and Eighty Paise Only
4	115.20	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	sqm	279.72	Rupees Two Hundred Seventy Nine and Seventy Two Paise Only
5	56.05	KSRB15-3.10 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	sqm	208.44	Rupees Two Hundred Eight and Forty Four Paise Only
6	46.92	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	sqm	45.36	Rupees Forty Five and Thirty Six Paise Only
7	124.82	KSRB 14.14-5 : Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. ceramic tiles 400X400X20mm	Sqm	1272.24	Rupees One Thousand Two Hundred Seventy Two and Twenty Four Paise Only
8	39.42	KSRB 14.14-5 : Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. ceramic tiles 15X15cms 6mm thick	Sqm	999.00	Rupees Nine Hundred Ninety Nine Only
9	30.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 20mm nominal OD pipes.	mtr	135.00	Rupees One Hundred Thirty Five Only
	30.00	25MM	mtr	178.20	Rupees One Hundred Seventy Eight and Twenty Paise Only
	30.00	32MM	mtr	232.20	Rupees Two Hundred Thirty Two and Twenty Paise Only

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Signature of the contractor

Executive Engineer

		Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
		Providing white vitreous china clay indian pattern squatting urinals with white glazed foot rests of approved quality and make conforming to ISI specifications and fixing in position with M-15 as directed of size 50.8 cms X 38 cms X 10.16 CMS - A grade(Rate includes cost of all materials, and conveyance to work spot).	each	1047.60	Rupees One Thousand Forty Seven and Sixty Paise Only
	00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).	each	307.80	Rupees Three Hundred Seven and Eighty Paise Only
	15.00	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	each	249.48	Rupees Two Hundred Forty Nine and Forty Eight Paise Only
13	4.00	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.	No's	7604.28	Rupees Seven Thousand Six Hundred Four and Twenty Eight Paise Only
14	5.00	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I/M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, including cost of materials, labour complete as per specification.	each	5540.40	Rupees Five Thousand Five Hundred Forty and Forty Paise Only
15	3.00	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	No's	4196.88	Rupees Four Thousand One Hundred Ninety Six and Eighty Eight Paise Only
16	2.00	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity)	No's	9144.36	Rupees Nine Thousand One Hundred Forty Four and Thirty Six Paise Only
17	115.20	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	163.08	Rupees One Hundred Sixty Three and Eight Paise Only
18	49.00	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 94, I.NO - 13.73.2, PWD SR 16-17)	No's	368.88	Rupees Three Hundred Sixty Eight and Eighty Eight Paise Only

EXECUTIVE ENGINEER-4
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Signature of the contractor

26/02

Executive Engineer

Description	Unit	Issued to Technical Manager , KRIDL	
		In Figures	In Words
...illing available earth around pipe lines, cables in layers not exceeding ...cms in depth, compacting each deposited layer by ramming after watering ...with lead upto 50m and lift upto 1.5m including cost of all labour complete as ...per specifications (P.NO - 6, I.NO - 2.11, PWD SR 16-17)	Sqm	80.56	Rupees Eighty and Fifty Six Paise Only

...work should be executed as per the specification and standard specified by the PWD & Other specifications of the Bangalore ...agara Palike and as directed.

...e work should be carried out as per the directions and instructions of the concerned Engineer

The Contractor should maintain the quality of work as per the standard specifications.

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

...am prepared to take up the above work at the rates quoted by me in the Schedule 'B'.

CONTRACTOR

EXECUTIVE ENGINEER-4
KRIDL,BBMP DIVISION
BENGALURU-560 010